

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,117,605 B2
APPLICATION NO. : 10/823091
DATED : October 10, 2006
INVENTOR(S) : Ekseth et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 12, after 6,347,282, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 16, after 6,484,818, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 17, after 6,655,460, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 18, after 6,659,201, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 19, after 6,845,665, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 20, after 6,848,304, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 21, after 6,859,751, delete "B1" and insert --B2--.

On Page 2, Col. 1 ("U.S. Patent Documents"), Line 22, after 6,895,678, delete "B1" and insert --B2--.

On Page 2, Col. 2 ("Other Publications"), Line 5, delete "Stimulate" and insert --Simulate--.

On Col. 10, Equation 3, after " $SD_p = \sqrt{\frac{\sum_i W_i * (R_i - R_p)^2}{(N-1) * \sum_i W_i}}$ " delete ".".

On Col. 11, Line 11, delete " R_α " and insert --" R_a "--.

On Col. 11, Equation 6, delete " $W_j = \left(\frac{SD_{p,j} N_{e,j}}{N} \right)^2$ " and insert -- " $W_j = \left(\frac{SD_{p,j} * N_{e,j}}{N} \right)^2$ --.

On Col. 12, Equation 8, delete " $\Sigma_{101,k}$;" and insert -- $\Sigma_{\phi,k}$;--.

On Col. 14, Lines 62-63, delete "misalignments," and insert --misalignments,--.

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On Col. 15, Line 12, delete " σ_{107} " and insert $-\sigma_w$ --.

On Col. 15, Equation 20, delete " $dX_1 = [d\omega_{z1} dB_{a1} dB_{b1} dM_1]^T$ " and insert

-- $dX_1 = [d\omega_{z1} \quad dB_{a1} \quad dB_{b1} \quad dM_1]^T$ --.

On Col. 15, Line 50, delete " $X'_1 = [\omega'_{z1} B'_{a1} B'_{b1} M'_1]^T$ " and insert

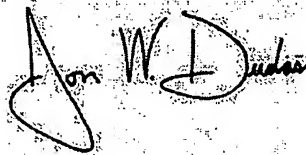
-- $X'_1 = [\omega'_{z1} \quad B'_{a1} \quad B'_{b1} \quad M'_1]^T$ --.

On Col. 16, Equation 30, delete " $X'_k = [\omega'_{zk} B'_{ak} B'_{bk} M'_k]^T$ " and insert

-- $X'_k = [\omega'_{zk} \quad B'_{ak} \quad B'_{bk} \quad M'_k]^T$ --.

Signed and Sealed this

Twentieth Day of March, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office